

FIG. 1 (PRIOR ART)

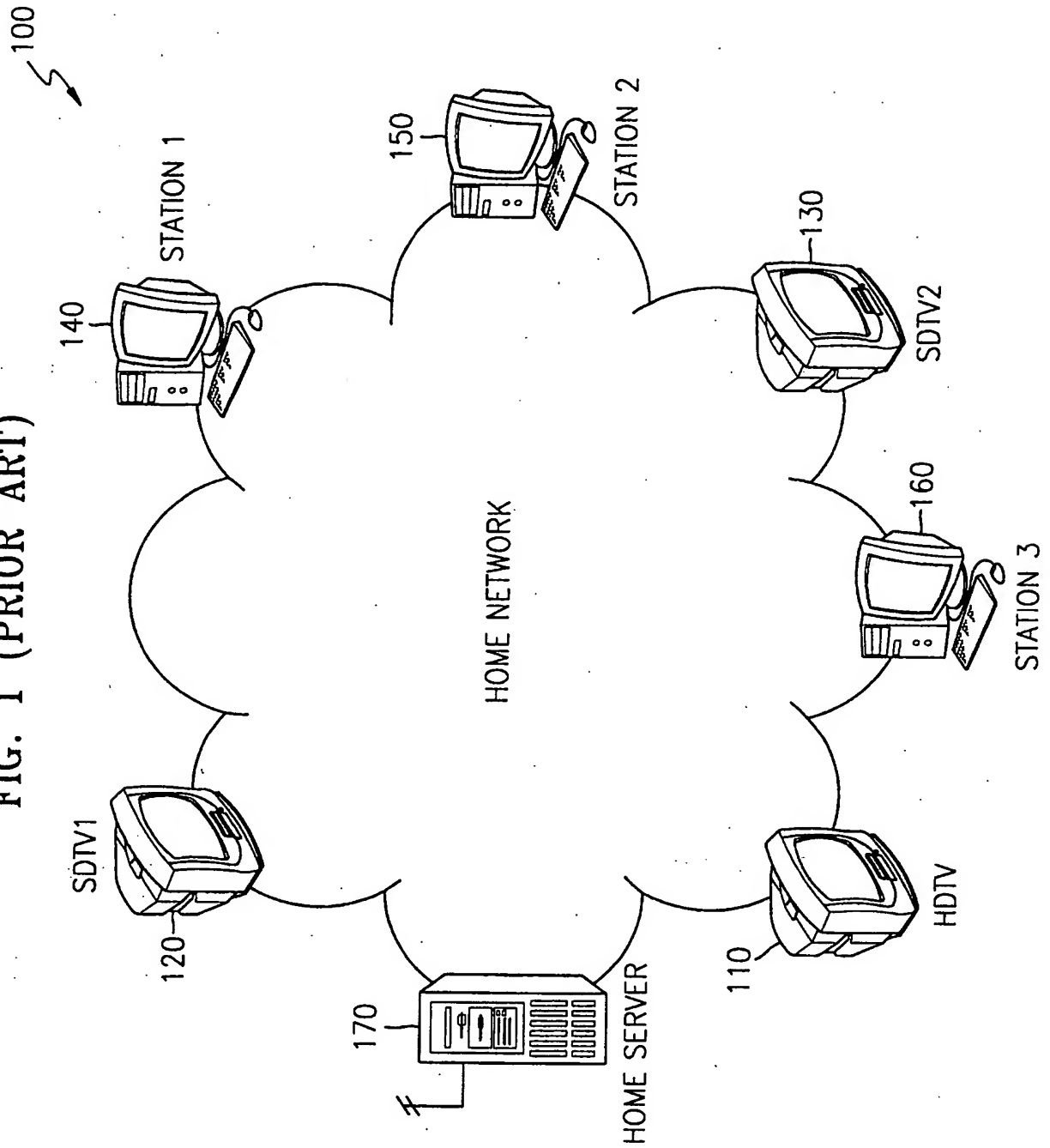


FIG. 2 (PRIOR ART)

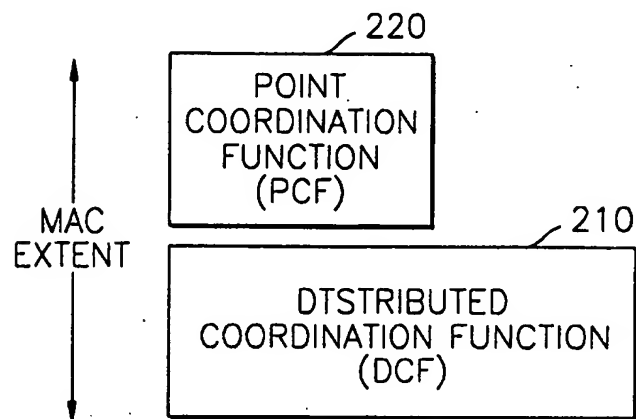




FIG. 4 (PRIOR ART)

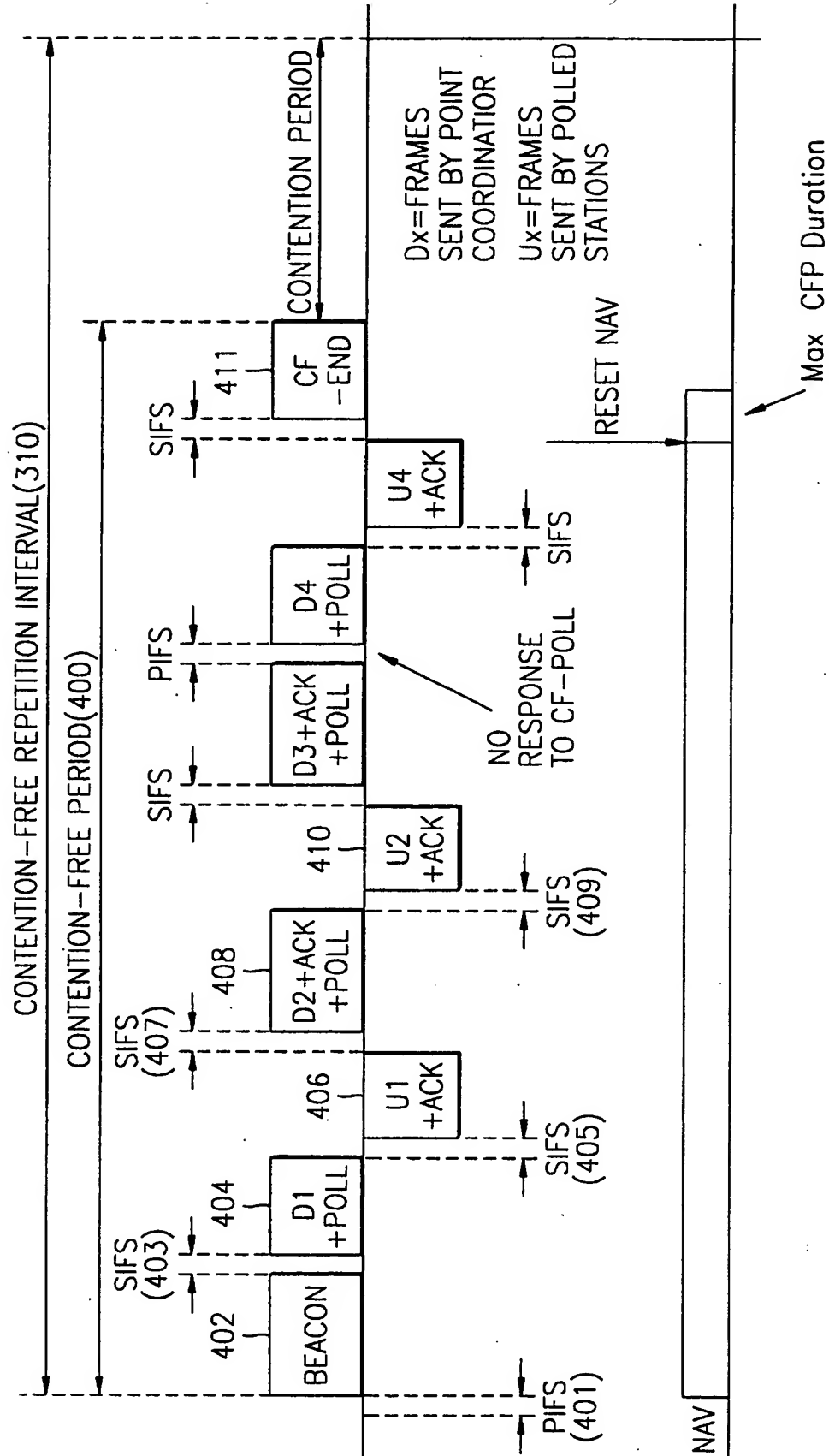


FIG. 5

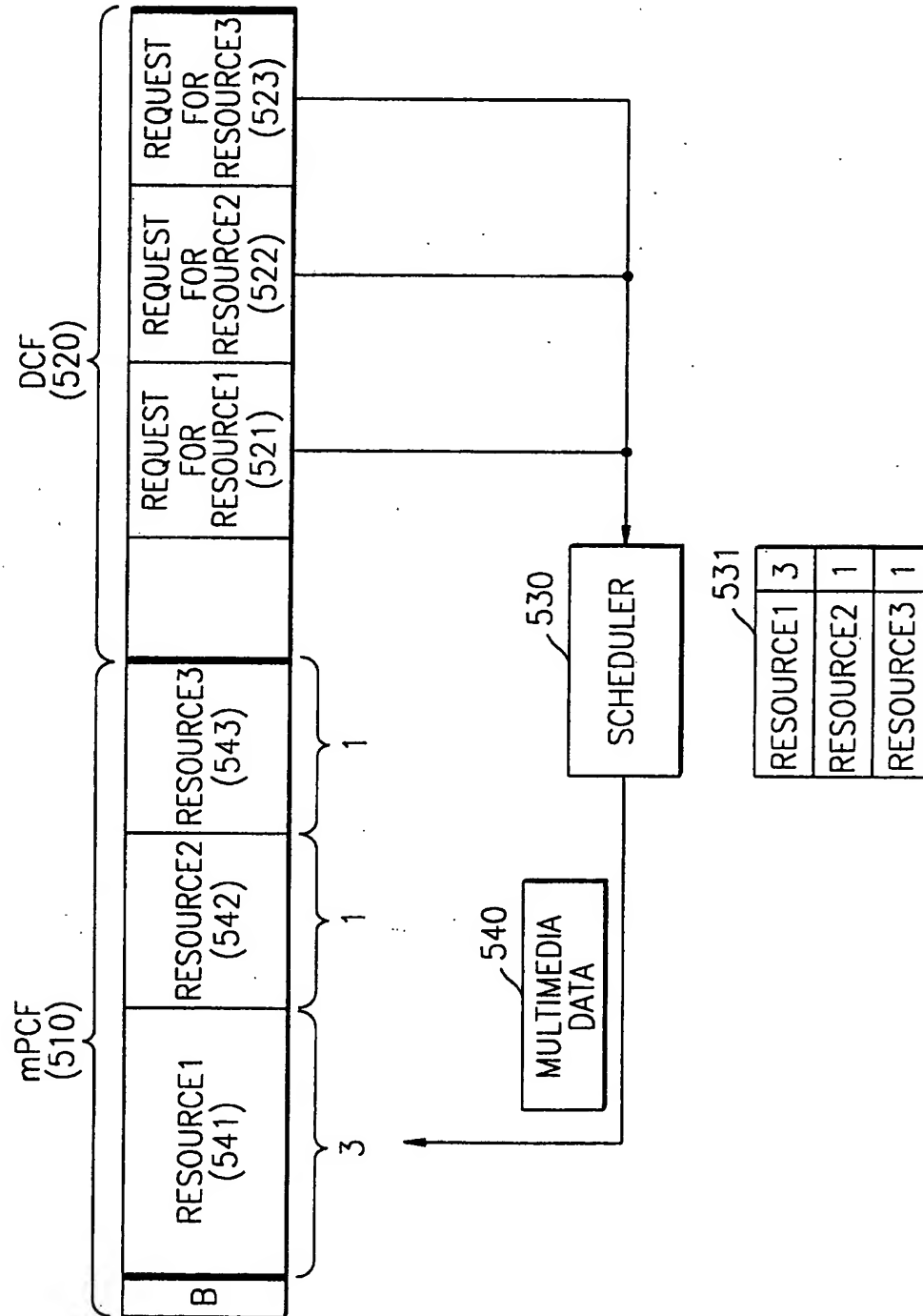


FIG. 6

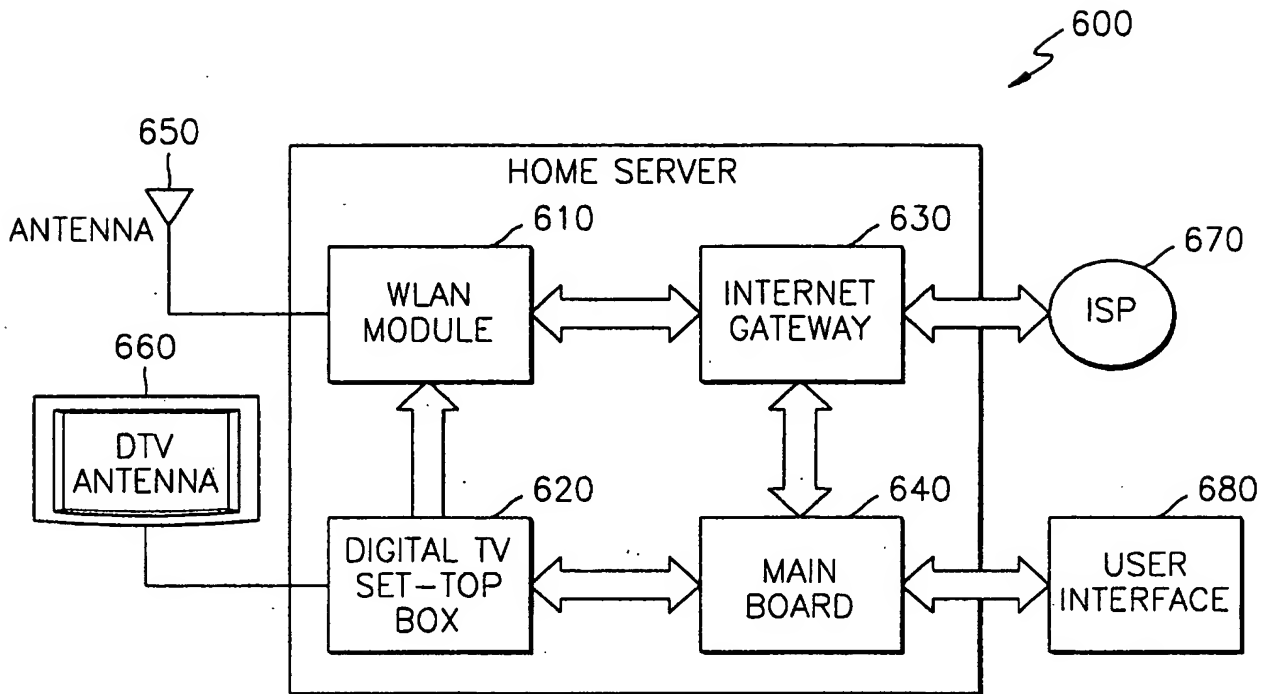


FIG. 7

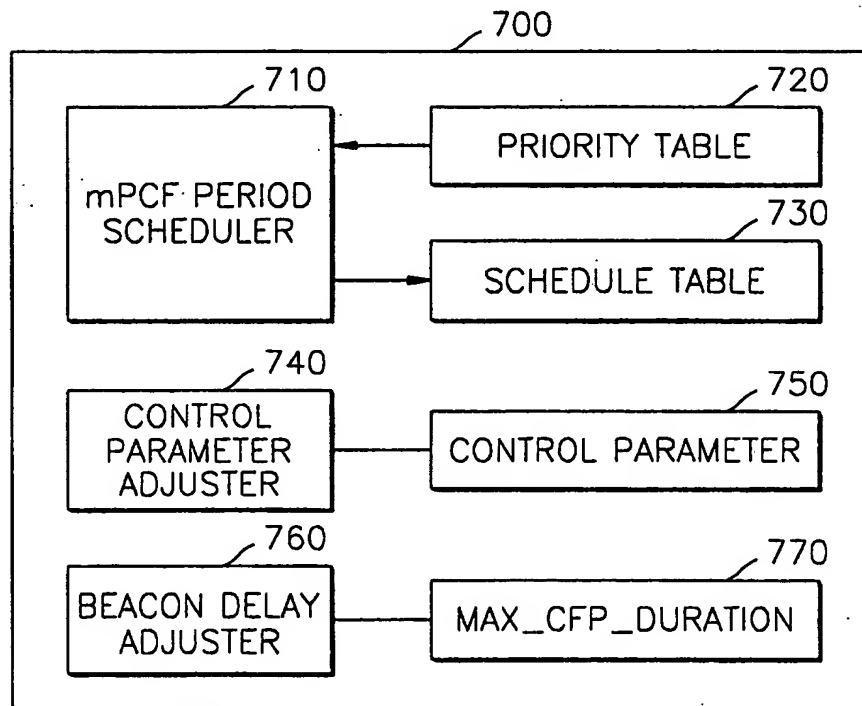


FIG. 8

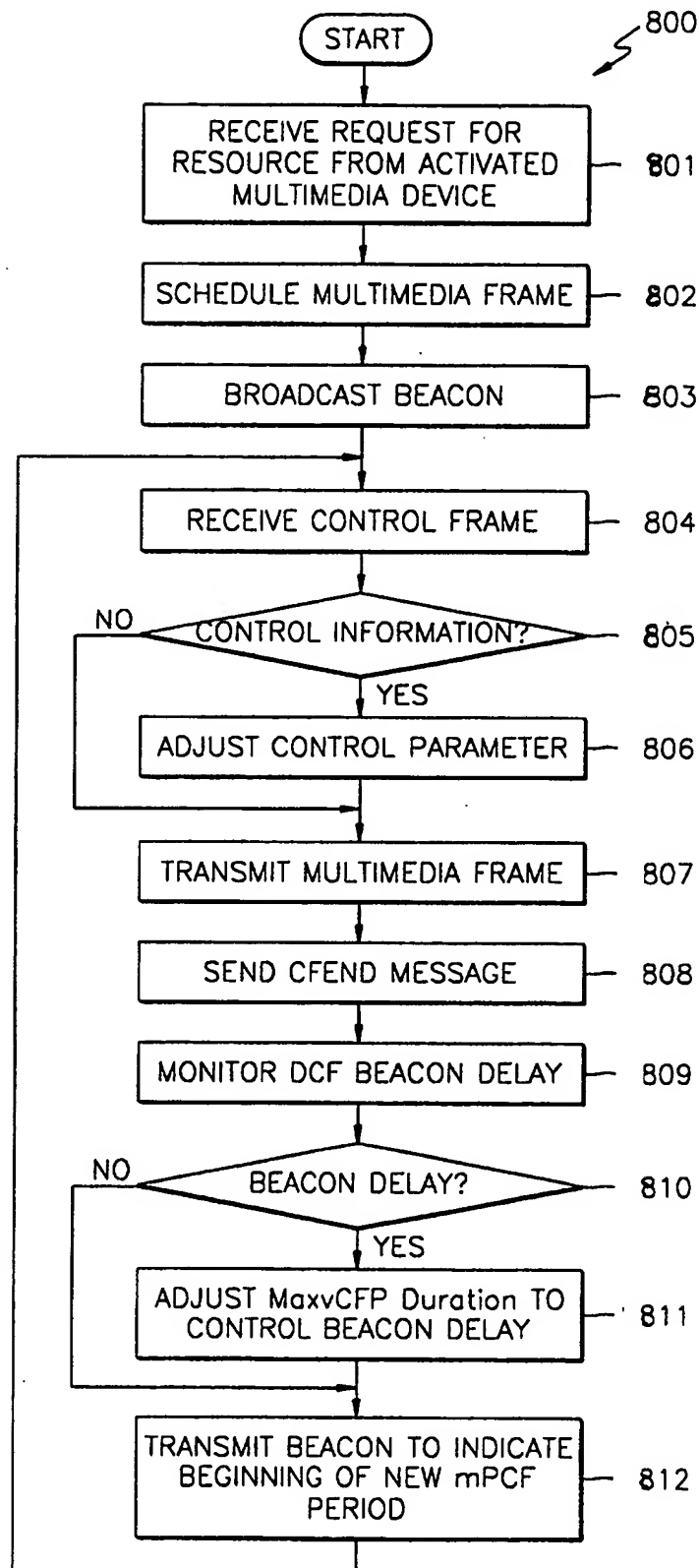


FIG. 9

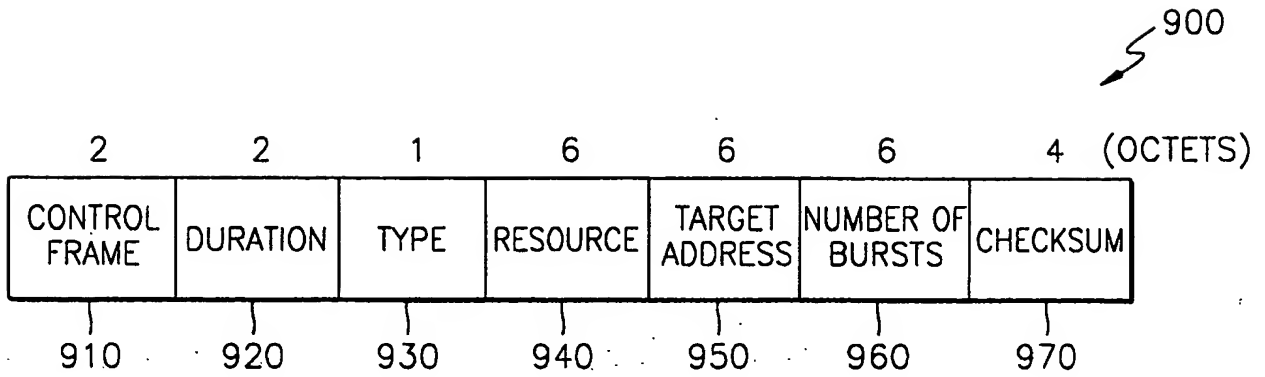




FIG. 10

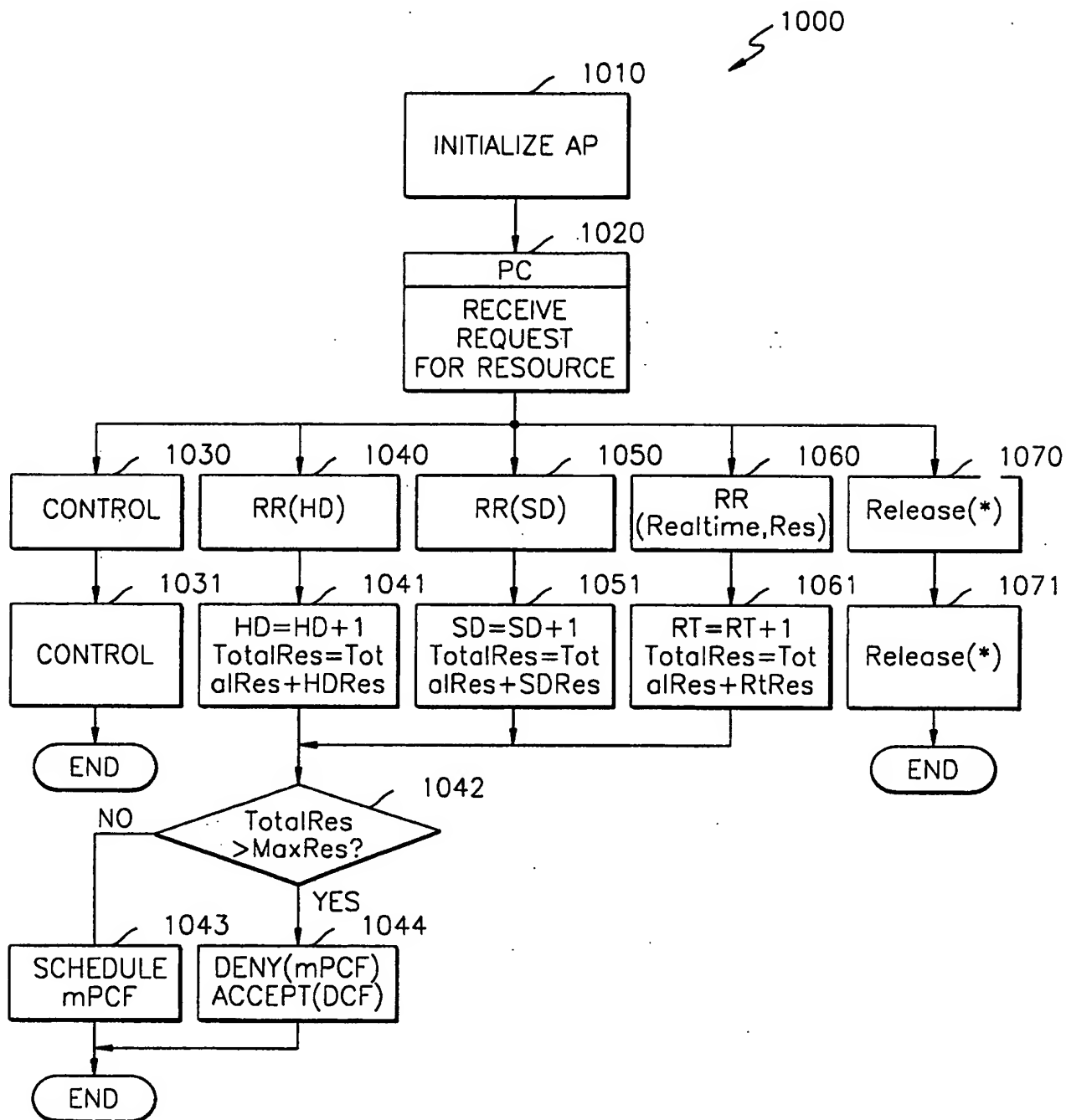


FIG. 11A

720

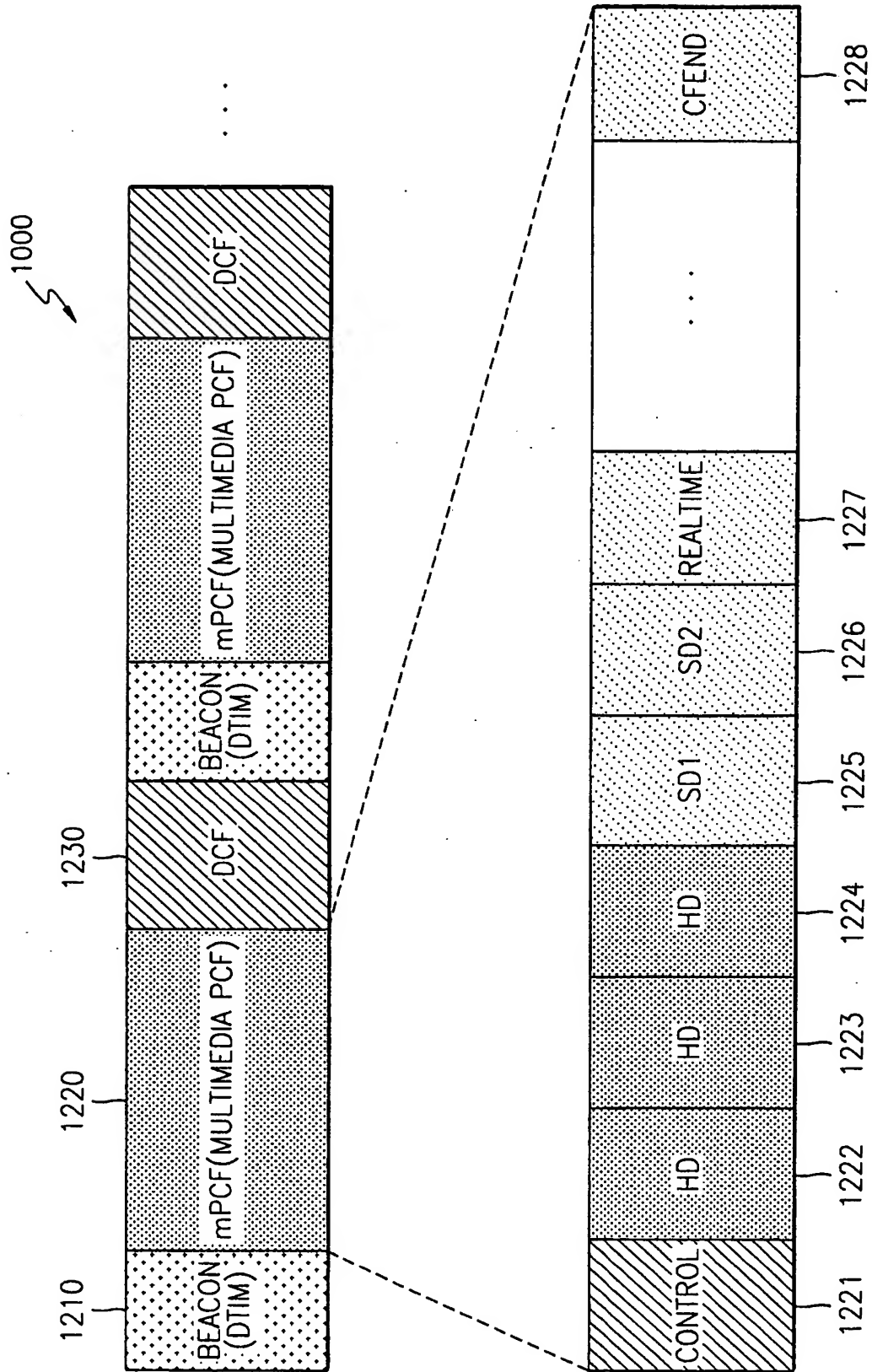
PRIORITY	TYPES OF DATA	REQUEST RESOURCE ALLOCATION BAND
0	CONTROL	CONTROL FRAME TRANSMISSIBLE SLOT
1	HDTV MPEG2(1080i OR 720p)	19.6Mbps
2	SDTV MPEG2(480i OR 480p)	3~6Mbps
3	REALTIME DATA(VOD)	0.5~2Mbps
4	REGULAR DATA	CONTENTION-BASED

FIG. 11B

730

PRIORITY LEVEL	TARGET ADDRESS	RESOURCE	NUMBER OF BURSTS
1	HD	20Mbps	10
2	SD	6Mbps	1
3	SD	6Mbps	1

FIG. 12



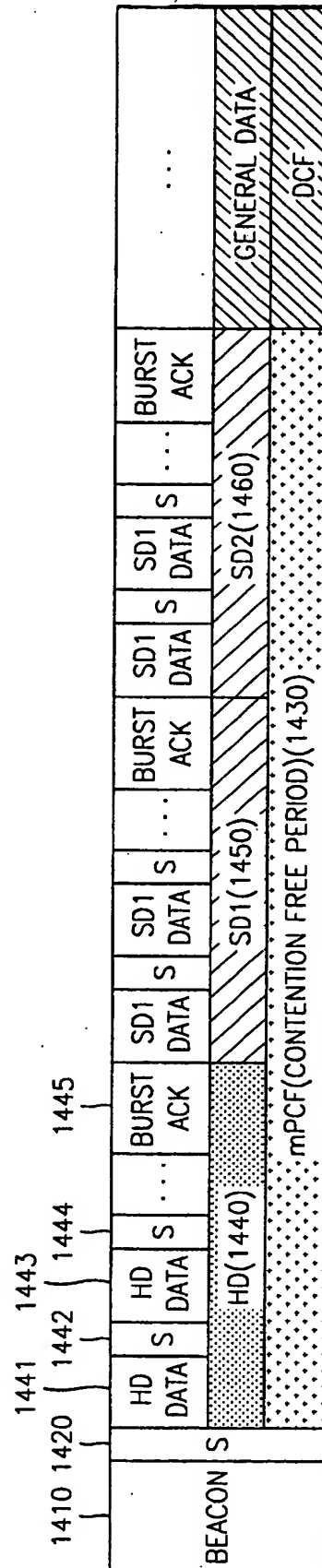


FIG. 15

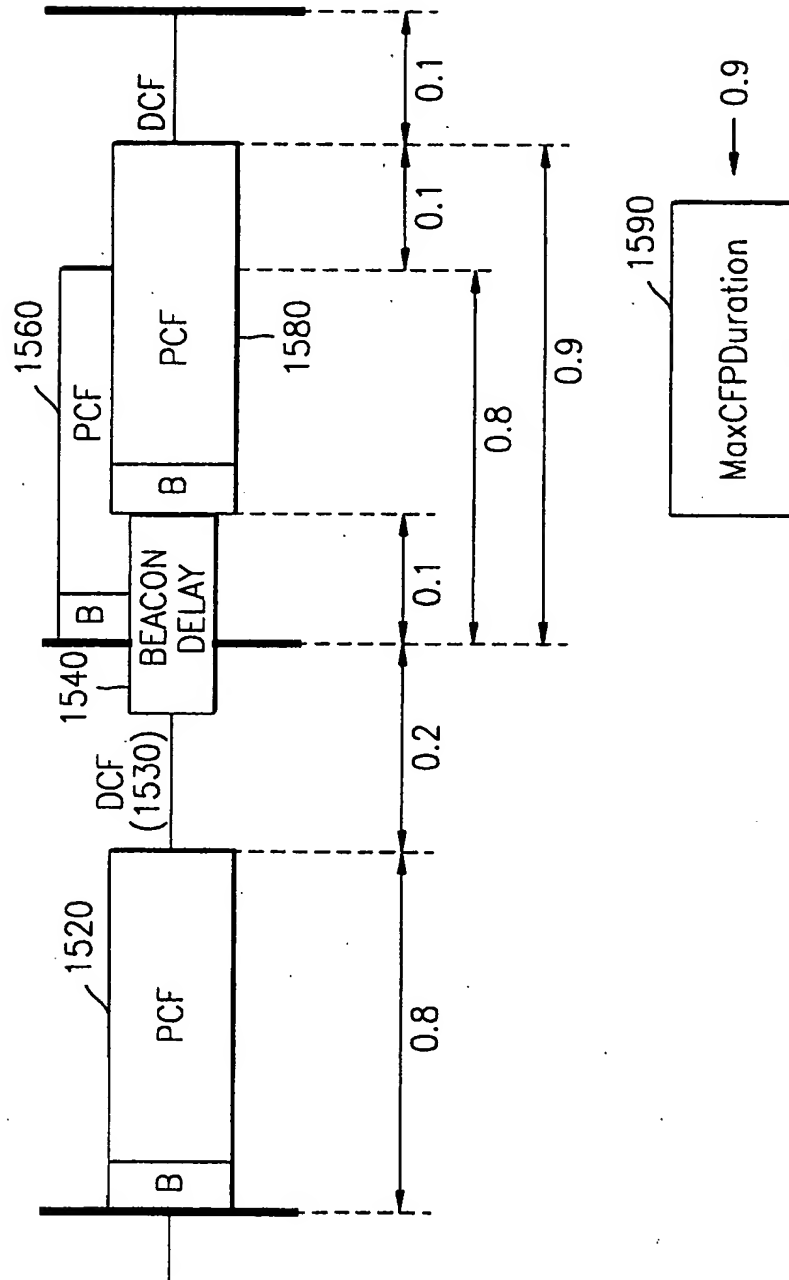


FIG. 16A

DIFS	BACKOFF	DATA	SIFS	ACK	TOTAL
34 $\mu s$	67.5 $\mu s$	248.26 $\mu s$	16 $\mu s$	24 $\mu s$	389.76 $\mu s$

FIG. 16B

DATA	SIFS	ACK	SIFS	TOTAL
248.26 $\mu s$	16 $\mu s$	24 $\mu s$	16 $\mu s$	304.26 $\mu s$

FIG. 16C

DATA	SIFS	...	ACK	SIFS
248.26 $\mu s$	16 $\mu s$	264.26 $\mu s$ X N	24 $\mu s$	16 $\mu s$

FIG. 17A

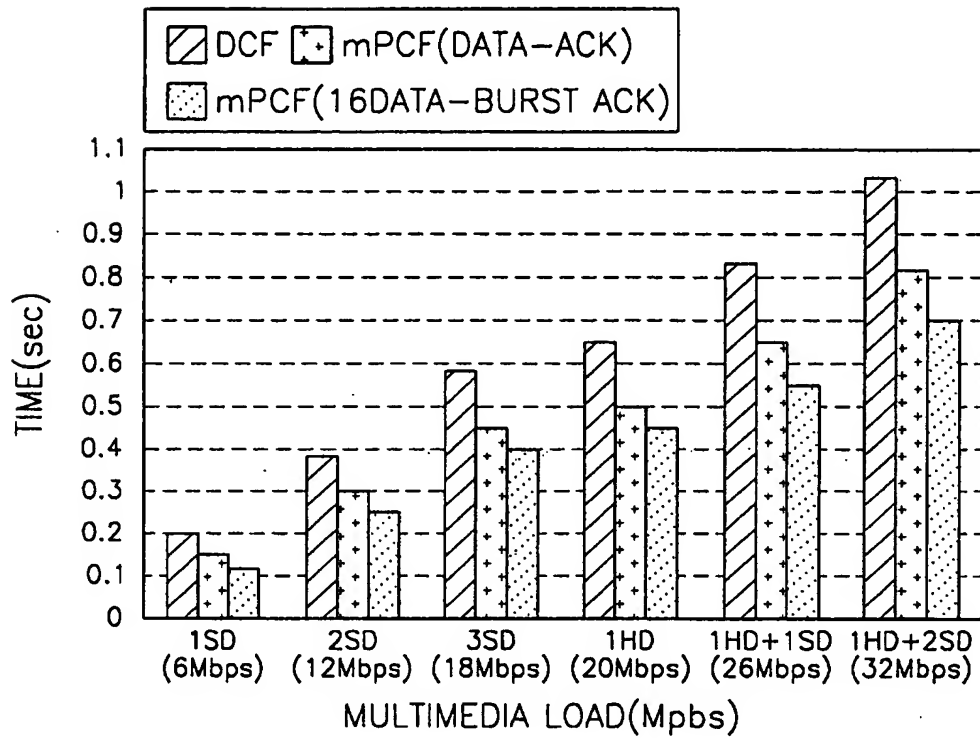


FIG. 17B

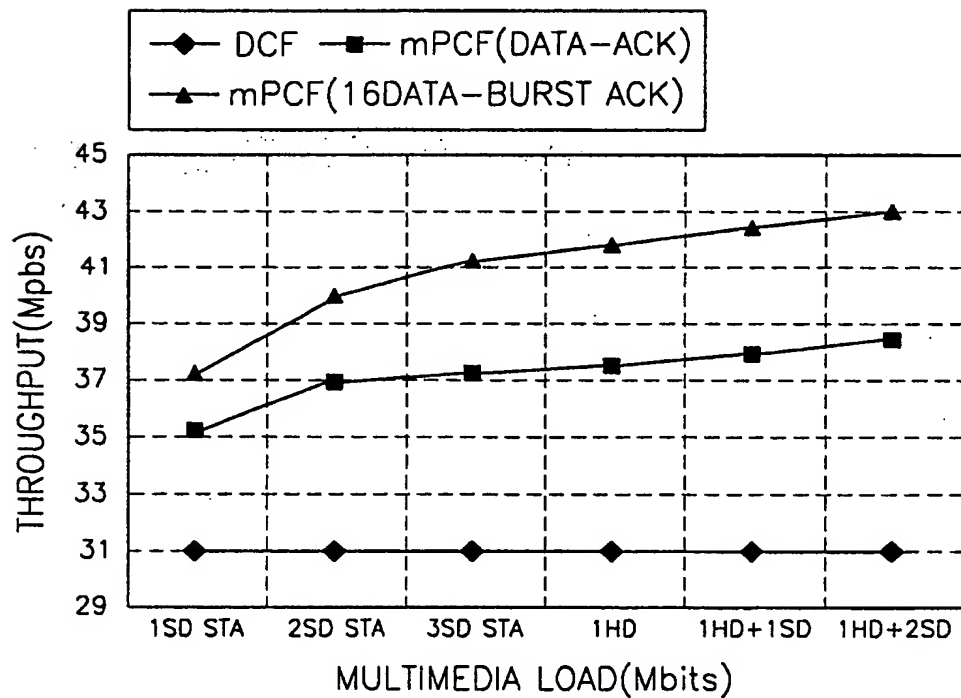


FIG. 17C

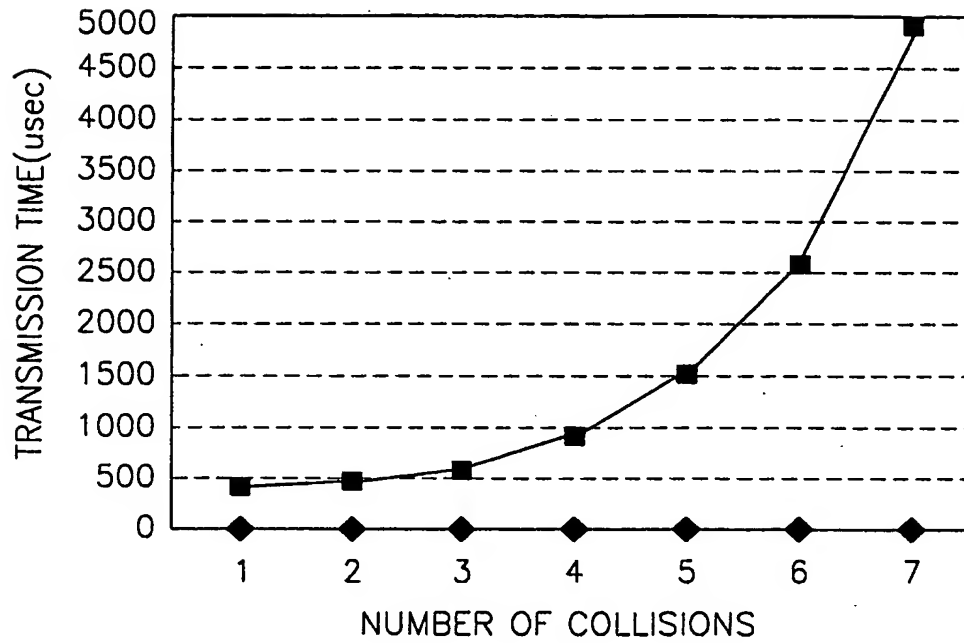


FIG. 18

1 sec - Ack Handshaking	
mPCF (0.789sec)	DCF (0.202sec)